



(19)

(11) Publication number:

Generated Document.

## PATENT ABSTRACTS OF JAPAN

(21) Application number: **59175104**(51) Intl. Cl.: **C08J 9/04 C08J 9/04**(22) Application date: **24.08.84**

<p>(30) Priority:</p> <p>(43) Date of application publication: <b>19.03.86</b></p> <p>(84) Designated contracting states:</p>	<p>(71) Applicant: <b>JAPAN SYNTHETIC F LTD</b></p> <p>(72) Inventor: <b>FURUICHI MINORU TANIMOTO TSUTOMU MIYAJI TAKUMI OKUYA EITARO</b></p> <p>(74) Representative:</p>
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(54) **CROSSLINKED FOAM**

(57) Abstract:

**PURPOSE:** A crosslinked foam having a high expansion ratio and being excellent in hardness, tear strength, impact resistance and elasticity, prepared by adding a crosslinking agent and a blowing agent to a mixture of 1,2-polybutadiene, natural or synthetic rubber and a specified polymer.

**CONSTITUTION:** A crosslinked foam prepared by adding a crosslinking agent and a blowing agent to a mixture of (A) 30W95wt% 1,2-polybutadiene of a 1,2-bond content  $\geq 70\%$ , a crystallinity  $\geq 5\%$  and an intrinsic viscosity  $[\eta]$  (as measured in toluene at  $30^\circ\text{C}$ )  $\geq 0.5\text{dl/g}$ , (B) 5W50wt% at least one rubber selected from among natural rubber, diene synthetic rubbers and nondiene rubbers and (C) 1W 19wt% at least one member selected from among polyethylene polymers,

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ethylene/vinyl acetate copolymer  
resins, polystyrene resins, ionomer  
resins, polybutene-1, polyester  
elastomers, polyurethane elastomers  
and polypropylene polymers.

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